

State of Louisiana
Department of Transportation and Development (DOTD)
Materials and Testing Section Qualification Procedure
For
Qualified Products List 77

**Approved Supplier Certification Program
For
Pre-Cast Concrete Pipe and Related Products**

The purpose of this certification procedure is to ensure that pipe plants conform to the latest specification requirements of the Louisiana Department of Transportation and Development (LA DOTD). The construction Fabrication Section and Materials and Testing Section will be responsible for performing and maintaining this qualification procedure. A current LA DOTD Qualified List for Approved Pipe Plants will be maintained by the Materials and Testing Section.

MATERIAL SPECIFICATION REFERENCES:

DOTD Standard Specifications, Supplemental Specifications and Special Provisions, Subsection 701.02, 702.03, 1006.01-1006.06 and 1016.01-1016.04, and "Quality Control/Self-Certification Program for Concrete Pipe and Pipe Products Facilities" (copy attached).

PRELIMINARY REQUIREMENTS:

1. Qualified Plant Evaluation Form

A pre-cast concrete pipe plant shall submit a standard "Qualified Product Evaluation Form" (copy attached) to the DOTD Construction Fabrication Section Coordinator listed below, along with a letter requesting qualification for the Qualified Products List.

2. Pre-Qualification Meeting

A pre-qualification meeting will be scheduled between the pre-cast concrete plant and a Construction Fabrication Section representative to review the qualification process.

3. Inspection

The Construction Fabrication Section Representative will perform inspection of the following:

- Production of concrete pipe and related products
- Storage Facility – check material storage for finished products to assure specification requirements
- Material Identification - Pipe plant name, date made, class, and wall will be inspected for compliance to specification.
- Shipping Records – Shipping records and associated documentation will be reviewed for completeness and accuracy.
- Quality Control (QC) – LA DOTD will conduct an in-depth review of the laboratory facility, physical testing, and generation of Test Reports.
 - The Quality Control Laboratory actively participates in the control of pipe production.
 - The calibration records on all testing equipment used to test concrete pipe.
 - The physical testing of pipe for compliance with the applicable specification.
- Documentation – The documentation and records maintained by the pipe facility will be checked.

4. Sampling and Verification Testing

- Sampling and verification testing shall be done for each size of concrete pipe.
Verification samples shall be obtained by random selection.
 - Pipe to be selected by the LA DOTD Construction Fabrication Section representative.
 - Compressive strength test on cylinders shall be performed randomly by Construction Fabrication Inspector once per every two (2) months.
 - Three-edge bearing test will be performed randomly by the Construction Fabricator Inspector once per every six (6) months.

RESPONSIBILITIES:

The LA DOTD Construction Fabrication Section will be responsible for pipe plant inspection and qualification process.

The LA DOTD Material and Testing Section will be responsible for physical testing verification testing of reinforcing steel samples, and maintains a current list of approved pipe plants.

GENERAL:

Upon completion of the evaluation, the pipe plant will be notified in writing concerning the results of the evaluation/inspection and whether the pipe plant will or will not be added to the Qualified Products List. The Department reserves the right to reevaluate any plant at any time. Pipe plant approval may be granted based on the Department's satisfaction that concrete pipe and products being produced conforms to Departmental specifications, and the plant maintains an effective QC program in accordance with the attached self-certification program. Approval of a plant will be for a period of one (1) year. Re-qualification will occur on an annual basis.

Pipe facilities which do not comply with the LA DOTD requirements will not be approved to furnish concrete pipe or products for State projects. The plant must show evidence of correction of all deficiencies before being reconsidered for qualification and approval.

DISQUALIFICATION:

The Department reserves the right to remove from the Qualified Products List any pipe plant found to be in violation of the specifications, or at any time confidence is lost in a pipe plant's ability to intent to produce concrete pipe or products of uniform characteristics complying with Departmental specifications.

Reasons for disqualification of an approved pipe plant shall include, but not limited to, the following:

- Failure to comply with conditions, procedures, and requirements of this qualification procedure.
- Falsifying information on a test report.
- Failing test results obtained by the Material and Testing Section on verification samples.

- Failure to consistently produce concrete pipe meeting the requirement of the specification.

REQUALIFICATION:

If a pipe plant has been disqualified and removed from the Qualified Products List, a written request for re-qualification must be submitted to the Construction Fabrication Engineer. The pipe plant must indicate the causes and solutions to the problem areas that caused removal, and satisfy all of the requirements shown herein.

After examination of the information gained from above, at the Construction fabrication Engineer's discretion, this re-qualification process may begin no earlier than one (1) year from the date of removal.

LA DOTD CONSTRUCTION
FABRICATION SECTION
COORDINATOR:

Jay McCain
Structural/Marine Fabrication Engineer
DOTD Construction Fabrication Section
P.O. Box 94245
Baton Rouge, LA 70804
(225) 379-1563

LA DOTD MATERIALS AND
TESTING SECTION
COORDINATOR:

Jenifer DeBosier
Special Tests Engineer Intern
DOTD Materials and Testing
Section
5080 Florida Boulevard
Baton Rouge, LA 70806
(225) 248-4166

Approved 4-1-02

N. Doug Hood, P.E.
Materials Engineer Administrator